

Enck, Judith

From: Azzam, Nidal
Sent: Thursday, July 28, 2016 1:27 PM
To: Enck, Judith; Evangelista, Pat
Cc: Everett, Adolph
Subject: FW: Taconic Inquiry

FYI

Nidal Azzam,
Base Program Management Section, Chief
Hazardous Waste Programs Branch
Clean Air and Sustainability Division
USEPA Region 2
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212-637-3748 Office
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From: Azzam, Nidal
Sent: Thursday, July 28, 2016 1:27 PM
To: 'Gentile, Tom (DEC)' <tom.gentile@dec.ny.gov>
Subject: RE: Taconic Inquiry

Tom,
It was nice talking to you. As discussed on the call, when sampling for PFAS at the facility in the near future, you may want to consider collecting samples from pre-filtering (if possible) and post-filtering. Post filtering samples by scrapping the interior surface of the exhaust could aid in assessing potential air emission as a PFAS air pathway. This could aid in future decisions and modeling. Please stay in touch and let me know if I could be of further assistance to address PFAS matters.

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From: Gentile, Tom (DEC) [<mailto:tom.gentile@dec.ny.gov>]
Sent: Thursday, July 28, 2016 11:04 AM
To: Azzam, Nidal <Azzam.Nidal@epa.gov>
Cc: Leone, Ricky (DEC) <ricky.leone@dec.ny.gov>; Potter, Benjamin J (DEC) <benjamin.potter@dec.ny.gov>; Valis, Margaret (DEC) <margaret.valis@dec.ny.gov>
Subject: Taconic Inquiry

Hi Nidal,

Hope you get this. All of my contact information is below. As we discussed this morning, our primary interest in Taconic arose over the PTFE decomposition products that are emitted when you overcook or toast the PTFE. This led to State permit requirements for temperature controls on all of the PTFE ovens in addition to the installation of CVM Fume Eliminator Systems on all of the PTFE curing ovens back in 1997. The units were designed to reduce the opacity to 5% or less, as I described to you. There are no visible emissions from these units. The additional air pollution control devices they installed in 2014 as part of the facility expansion are called the Air Clear Systems. This has the similar manufacturer guarantee, 5% or less opacity with particulate emissions below 0.01 grains/dscf. We have not tested this new unit yet, since they have only hooked up two PTFE ovens to it, when complete it will have four and they will test it at full production. In 2014, prior to allowing the expansion we tested the existing ovens at full production that have the CVM systems. The PM emission rate with 15 ovens in operation had an average PM emission rate of 0.002 grains/dscf. The other unit with 4 ovens in operation had the same average PM emission rate. We should continue our discussions, it would be good to compare notes.

Thanks,
Tom

Thomas Gentile
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